



Garmin-Asus A50 quick start manual



Getting started

WARNING

See the Important safety and product information on [page 10](#) for product warnings and other important information.

NOTICE

To avoid unexpected data charges, it is strongly recommended that you obtain a data plan for this phone.

Device features



①	Power key
②	Volume keys
③	Power connector for the navigation cradle
④	Camera key
⑤	Direction pad
⑥	Mini-USB connector

Setting up the device

1. Remove the battery cover ([page 3](#)).
2. Install the SIM card ([page 3](#)).
3. Install the microSD™ card (optional) ([page 3](#)).
4. Install the battery ([page 3](#)).
5. Replace the battery cover ([page 4](#)).
6. Charge the battery ([page 4](#)).
7. Register the device and check eligibility for a free map update ([page 5](#)).
8. Download the full Owner's manual ([page 5](#)).

Removing the battery cover

Slide the battery cover ① off the back of the device.



SIM and microSD cards

Installing the SIM and microSD cards

1. Insert the SIM card ① in the holder with the gold contacts facing down and the notched corner towards the centre of the device.



2. Insert the optional microSD card ② in the microSD slot with the gold contacts facing down.

Installing the battery

1. Locate the battery that came in the product box.
2. Locate the metal contacts on the end of the battery and in the battery compartment.
3. Insert the battery ① with the Garmin-Asus logo facing up and the metal contacts on the battery aligned with the contacts in the battery compartment.



Replacing the battery cover

Slide the battery cover onto the back of the device until it clicks.

Charging the battery

NOTICE

Your device will not charge if it has exceeded 140°F (60°C). If the device is mounted on the windscreen, remove it from the mount and place it somewhere out of direct sunlight to allow the battery to charge.

To ensure optimal performance, you should charge the battery for at least four hours before using the device on battery power for the first time.

If you completely discharge the battery, recharge it for at least 20 minutes before turning on your device.

1. Insert the plug into the AC power adapter, if necessary.
2. Plug the USB cable into the AC adapter.
3. Connect the mini-USB end of the USB cable to the connector on the device.
4. Plug the AC adapter into a power outlet.

Mounting your device

⚠ WARNING

This product contains a lithium-ion battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, remove the device from the vehicle when exiting or store it out of direct sunlight.

1. Plug the vehicle power cable ④ into the power connector on the back of the cradle.



2. Remove the clear plastic from the suction cup ②.
3. Clean and dry your windscreen and the suction cup with a lint-free cloth.

4. Place the suction cup on the windscreen.
5. Flip the lever ③ back towards the windscreen.
6. Snap the cradle ④ onto the suction cup arm.
7. Fit the gold contacts on the left side of your device into the cradle.
8. Tilt the device back until it snaps into the cradle.
9. Plug the other end of the vehicle power cable into a power outlet in your vehicle.



Registering your device

1. Go to www.garminasus.com/support.
2. Select your region, if necessary.
3. Under the A50, click **Product Registration**.
4. Follow the on-screen instructions.

After registering, click **Maps** to see if you are eligible for one or more map updates.

Downloading the Owner's manual

Go to www.garminasus.com/support to download the *Garmin-Asus A50 Owner's manual*.

Getting to know your device

Getting help

1. From the application tray, touch **Help**.
2. Touch a topic.

Using the Home screen





The Home screen has several panes that can be customised.



- Drag ① towards the bottom of the screen to view notifications. The status bar displays notification icons, status icons and the current time.
- Drag your finger across the screen to view the other Home screen panes.
- Touch any icon ② on the Home screen to open the application.
- Touch ③ to open the phone application.
- Drag ④ towards the top of the screen to open the application tray.

- Touch ⑤ to view the Where To? pane.



About the keys

Key	Use
	Touch to open the phone. Touch to send a call.
	Touch to return to the Home screen. From the Home screen, touch to quickly switch panes. Touch and hold to open a menu of recently used applications.
	Touch to go back to the previous screen or to exit the current application.
	Touch to view a menu of options for the current screen or application.
Volume up and down	Press to increase or decrease the audio level.
Direction pad	Press up, down, left or right to highlight items or to scroll through lists. Press the centre of the directional pad to select a highlighted item.

Camera	Press to take a picture.
	Press to take a screenshot, when enabled.

Switching Home screen panes

Use any of these options to switch to another pane.

- Slide your finger across the screen from right to left to switch to the next pane.
- Slide your finger across the screen from left to right to switch to the previous pane.
- Touch  to switch to the Where To? pane.
- Touch  and touch the pane you want to view to quickly switch to a specific pane.

About the Where To? pane

The Where To? pane provides quick access to the navigation features of your device, such as the map, points of interest and location search.

Using the application tray



The application tray contains shortcuts for the applications on the device.

NOTE: The application tray is available on all Home screen panes except the Where To? pane.

1. Touch and drag the application tray to the top of the screen.
2. Touch and drag to scroll through all of the shortcuts.
3. Touch a shortcut icon to start the application.

Using the phone



Dialling a number

1. Touch  > .
2. Dial the number.
3. Touch **Call**.

Adding a contact

1. Touch  >  > .
2. Enter the contact information.
3. Touch **Save**.

Calling a contact


1. Touch  > .
2. Select an option:
 - If a contact has only one number, touch the contact and touch **Call**.
 - If a contact has more than one number, touch a phone number and touch **Call**.

Calling a number in call history




Touch  >  > .

Using in-call options


While you are on a call, you can use these options.

- Touch **Speakerphone** to activate the speakerphone.
- Touch **Mute** to mute the audio input.
- Touch **Add Call** to place a new call.
- Touch **Hold** to place the call on hold.
- Touch  to display a numeric keypad for automated systems that require numeric entries.



Setting up voice mail

1. Touch  > **Settings** > **Phone** > **Voice Mail Number**.
2. Verify that your voice mail number is correct.
3. Touch  > .
4. Touch and hold **1**.
5. Follow the on-screen instructions.

Calling voice mail

When you have new voice mail,  appears in the status bar.

1. Touch and drag the status bar towards the bottom of the screen.

TIP: You can also touch  >  and touch and hold **1** to call your voice mail.

2. Touch **New Voice Mail**.

Navigation


About GPS signals

Before you can navigate or use location-based applications, your device must acquire satellite signals.


When you start an application that requires GPS signals, the device begins acquiring satellite signals. Acquiring satellite signals can take a few minutes.

TIP: If you are having difficulty acquiring satellite signals, go outdoors to an open area, away from tall buildings and trees.

Finding a point of interest by name

1. From the Home screen, touch  to view the Where To? pane.
2. Touch the text entry field.
3. Enter part or all of the location name.
4. Touch a location in the list.

Finding a point of interest by category

1. From the Home screen, touch  to view the Where To? pane.

2. Touch **Browse Places > Points of Interest**.
3. Touch a category.
4. Touch a subcategory, if necessary.
5. Touch a location in the list.

Working with the found locations



- Touch ① to view the other locations in the search results list on the map.
- Touch ② to view additional details, such as the address and the phone number, if known.
- Touch ③ to create a route to the location.

Important safety and product information

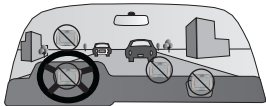
For updates to the safety and product information, see the most recent Owner's manual.

WARNING

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

Installation and operation warnings

- When installing the device in a vehicle, place the device securely so it does not obstruct the driver's view of the road or interfere with vehicle operating controls, such as the steering wheel, the foot pedals or the transmission levers. Do not place the device in front of or above any airbag. (See diagram).



- Do not place unsecured on the vehicle dashboard.

- Do not mount where the driver's field of vision is blocked.
- Do not mount in front of an airbag field of deployment.
- The windscreen mount may not stay attached to the windscreen in all circumstances. Do not place the mount where it will become a distraction if the mount should become detached. Keep your windscreen clean to help ensure that the mount stays on the windscreen.
- Always use your best judgement and operate the vehicle in a safe manner.
Do not become distracted by the device while driving and always be fully aware of all driving conditions. Minimise the amount of time spent viewing the device screen while driving and use voice prompts when possible.
- Do not send text messages, input destinations, change settings or access any other functions requiring prolonged use of the device controls while driving. Pull over in a safe and legal manner before attempting such operations.

Navigation warnings

- When navigating, carefully compare information displayed on the device to all available navigation sources, including road signs, road closures, road conditions, traffic congestion, weather conditions and other factors that may affect safety while driving. For safety, always resolve any discrepancies before continuing navigation and defer to posted road signs and road conditions.
- The device is designed to provide route suggestions. It is not a replacement for driver attentiveness and good judgement. **Do not follow route suggestions if they suggest an unsafe or illegal manoeuvre or would place the vehicle in an unsafe situation.**

Battery warnings

If these guidelines are not followed, the internal lithium-ion battery may experience a shortened life span or may present a risk of damage to the GPS device, fire, chemical burn, electrolyte leak and/or injury.

- Do not leave the device exposed to a heat source or in a high temperature

location, such as in the sun in an unattended vehicle. To prevent damage, remove the device from the vehicle or store it out of direct sunlight, such as in the glove box.

- Do not puncture or incinerate the device or battery.
- When storing the device for an extended time, store within the following temperature range: from -4°F to 158°F (from -20°C to 70°C).
- Do not operate the device outside of the following temperature range: from 5°F to 104°F (from -15°C to 40°C).
- Contact your local waste disposal department to dispose of the device/battery in accordance with applicable local laws and regulations.
- Do not use a sharp object to remove the battery.
- Keep the battery away from children.
- Do not disassemble, puncture or damage the battery.
- If using an AC charger or an external battery charger, only use the accessory approved for your product.

- Only replace the battery with the correct replacement battery. Using another battery presents a risk of fire or explosion. To purchase a replacement battery, see your Garmin or ASUS dealer or the Garmin-Asus web site.
 - Do not remove or attempt to remove the non-user replaceable battery.
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Pacemakers and other medical devices

Studies have shown that there may be a potential interaction between mobile devices and normal pacemaker operation. The pacemaker industry recommends that people with pacemakers follow these guidelines to minimise any risk of interference with pacemaker operation:

- Always maintain a distance of 6 inches (15 cm) between the pacemaker and any mobile device that is turned on.
- Store the device on the opposite side of the pacemaker. Do not carry the device in a breast pocket.
- Use the ear furthest from the pacemaker in order to minimise any potential for interference.

- If you think that interference may be occurring, turn off the device immediately.
 - For other medical devices, consult your doctor or the manufacturer to determine if your mobile device may interfere with the medical device, and to determine any precautions that you can take to avoid interference.
-

CAUTION

Avoiding hearing damage

You can permanently damage your ears and lose hearing if you listen to the device or use earbuds or headphones at high volume. The volume is typically too loud if you cannot hear people speaking around you. Limit the amount of time you listen at high volume. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked.

Avoiding repetitive motion

You may experience occasional discomfort in your hands, arms, shoulders, neck or other parts of your body if you perform repetitive activities, such as typing, on the mobile device. Take frequent breaks. If you

have discomfort while or after using the device, stop using it and see a doctor.

Avoiding seizures, blackouts and eyestrain

A very small percentage of people can experience seizures or blackouts caused by light flashes or patterns, such as while watching videos or playing games. If you have experienced or have a family history of seizures or blackouts, consult a doctor before playing games or watching videos on your device.

Avoid prolonged use of and take frequent breaks from using the device. Hold the device away from your eyes. Use the device in a well-lit room. If you experience convulsions, eye or muscle twitching, loss of awareness, involuntary movement or disorientation, stop using the device and consult a doctor.

NOTICE

Notice to customers in the European Union

Use of 2.4 GHz Wi-Fi transmitters is currently restricted in certain European

countries due to specific radio frequency legislation. You must check the local regulations in all European countries in which you intend to use the Wi-Fi radio to ensure the legality of use. You accept full responsibility for complying with all such laws and regulations applicable in your particular country of operation.

The following countries have restrictions on certain uses of 2.4 GHz Wi-Fi products:

France: This product may be used indoors on any available Wi-Fi channel (channels 1–11). If used outdoors, however, the usage must be limited to the channels operating between 2400 MHz and 2454 MHz (channels 1–7).

Italy: This product may be used indoors on any available Wi-Fi channel (channels 1–11). However, Italy requires general authorisation for outdoor use of this product if used outside the boundaries of the owner's property.

Latvia: This product may be used indoors on any available Wi-Fi channel (channels 1–11). However, Latvia requires a licence for outdoor use of this product.

Map data information

Garmin and ASUS use a combination of governmental and private data sources. Virtually all data sources contain some inaccurate or incomplete data. In some countries, complete and accurate map information is either not available or is prohibitively expensive.

Information about recycling and WEEE

Information about the recycling programmes for Garmin and ASUS, and WEEE compliance can be found at www.garminasus.com.

Information about RoHS and REACH

Information about RoHS and REACH for Garmin-Asus products can be found at www.garminasus.com.

Hearing Aid Compatibility (HAC)

Digital wireless phones have the potential to interfere with certain hearing aids. A rating system has been developed to aid consumers in picking compatible devices. The M rating is a general measure

of compatibility. The T rating, if used, measures the compatibility of the phone specifically for T-Coil devices. Consumers should pick a device with minimum ratings of 3 (M3 rating or M3T3 rating). Higher numbers indicate better compatibility. This device is rated M3T3.

When using a phone with a hearing aid, you may need to experiment with phone placement near your ear to ensure optimum compatibility. If interference is experienced, contact your hearing aid manufacturer for advice or information on alternatives.

Radio frequency exposure/ specific absorption rate

This device is a transmitter and receiver that uses its antenna to send and receive low levels of radio frequency (RF) energy for voice and data communications. The cellular antenna is located along the bottom edge of the rear of the phone. The Wi-Fi and Bluetooth antenna is located between the volume keys and the camera on the rear of the phone.

This device must not be co-located or operated in conjunction with any other

transmitter or antenna.

Regular review of scientific research and studies has led to the formation of international safety guidelines and regulations regarding limiting exposure to this RF energy. This product emits RF energy below the published limits when operating in its maximum output power mode and when used with Garmin authorised accessories. These guidelines use a unit of measurement known as the specific absorption rate, SAR. The SAR limit applicable to this device set by the FCC is 1.6 watts per kilogram (W/kg), 1.6 W/kg by Industry Canada and 2.0 W/kg by the Council of the European Union.

To comply with FCC and European RF exposure compliance requirements, the device should be used in its vehicle mount or with Garmin authorised belt clips and holsters only. Use with other third-party accessories may not ensure compliance with FCC, EU or other local RF exposure requirements. The actual measured values are as follows:

Band	Position	SAR (W/kg)
GSM 850	Head	0.483
	Body	0.908
GSM 900	Head	0.384
GSM 1800	Head	0.205
GSM 1900	Head	0.466
	Body	0.601
FDD (WCDMA) Band IV	Head	0.714
	Body	0.645
FDD (WCDMA) Band I	Head	0.572
802.11b/g (Wi-Fi)	Head	0.031
	Body	0.016

Industry Canada Compliance

Category I radio communication devices comply with Industry Canada Standard RSS-210. This Class B digital apparatus complies with Canadian ICES-003.

Ce dispositif de radio communication de catégorie I respecte la norme CNR-210 d'Industrie Canada. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC radiation exposure statement

This device is in compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with a minimum separation distance of 1.5 cm between the device and your body.

The device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.

Declaration of conformity

Hereby, ASUSTeK Computer, Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The Declaration of conformity may be obtained at www.garminasus.com.

Equipment use

This device is for use worldwide, including the following countries: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MT, NL,

NO, PL, PT, RO, SE, SI, SK, TR.

Limited warranty

This Garmin-Asus product is warranted to be free from defects in materials and workmanship under normal use per the terms outlined herein for the term of one year starting from the date of retail purchase by the original end-user purchaser (collectively the “Warranty Period”). THIS WARRANTY DOES NOT AFFECT YOUR STATUTORY RIGHTS.

Within the relevant Warranty Period, Garmin and/or ASUSTeK Computer, Inc. (“Asus”) will, at its sole option, either repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labour, provided that the customer shall be responsible for any transportation cost. A replacement product or part assumes the remaining Warranty Period of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes

Garmin's or Asus' property, as the case may be.

Exclusions and limitations

This Limited Warranty applies only to the hardware product manufactured by or for Garmin or Asus that can be identified by the Garmin-Asus logo affixed to it. Software distributed by Garmin or Asus with or as part of the product (including system software) is not covered under this Limited Warranty and is instead covered by the accompanying End user licence agreement.

Neither Garmin nor Asus warrants that the operation of the product will be uninterrupted or error-free, nor is Garmin or Asus responsible for damage arising from failure to follow product instructions. In addition, this warranty does not apply to: (i) cosmetic damage, such as scratches, nicks and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship; (iii) damage caused by use of the product with non Garmin-Asus products; (iv) damage caused by accident, abuse, misuse, water, flood, fire

or other acts of nature or external causes; (v) damage caused by service performed by anyone who is not an authorised service provider of Garmin or Asus; or (vi) damage to a product that has been modified or altered without the written permission of Garmin or Asus.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, ANY LIABILITY ARISING UNDER ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL GARMIN OR ASUS BE LIABLE FOR ANY DIRECT, SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT OR FROM ANY

BREACH OF WARRANTY OR OTHER LEGAL THEORY.

Some states, provinces or countries do not allow the exclusion of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province. This limited warranty is governed by and construed under the laws of the country in which the product purchase took place. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall remain valid and shall not be affected.

Garmin and/or Asus retains the exclusive right to repair, have repaired or replace (with a new or newly-overhauled replacement product) the product or component parts or offer a full refund of the purchase price at its sole discretion. **SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.** When a refund is given, the product for which the refund is provided must be returned to

Garmin or Asus and becomes Garmin-Asus property.

Obtaining warranty service

To obtain warranty service, go to www.garminasus.com/support/warranty for specific instructions on where and how to return your Garmin-Asus product for warranty service if it is still eligible for warranty coverage. Garmin-Asus may restrict warranty service to the country in which Garmin-Asus or its authorised dealers originally sold the product. An original or copy of the product sales receipt from the original retailer is required to obtain warranty service.

Online auction purchases

Products sold through online auctions are not eligible for warranty coverage or protection from Garmin and/or Asus. Online auction confirmations are not accepted as warranty verification. The combined Garmin-Asus logo is a trademark of Garmin Ltd. and ASUSTeK Computer, Inc.

FCC compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try

to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.

This product does not contain any user-serviceable parts. Repairs should only be made by an authorised Garmin service centre. Unauthorised repairs or modifications could result in permanent damage to the equipment and void your warranty and your authority to operate this device under Part 15 regulations.

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For model 0100084610

15G06A482002

September 2010 Part number 190-01292-19 Rev. A Printed in China